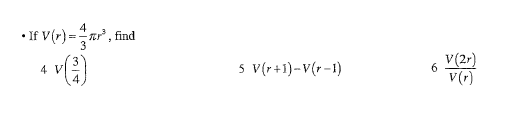
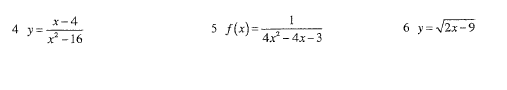
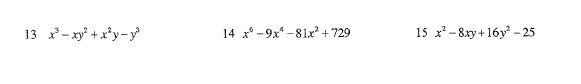
Problem Set #2

1) Ignore the numbers. Treat them as a, b, and c.

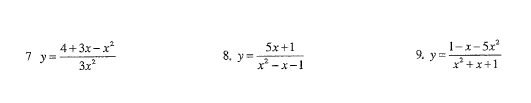


2) Find the domain and range of the following three functions (again, a, b and c).  


3) Factor the following (a, b, and c).  


4) Parts a and b.  


5) Graph the following (sketch is fine – just label appropriately).  


6) Identify asymptotes (vertical and horizontal) as well as any holes (a, b and c).  


7) Simplify (a and b).  
 

8) Simplify: 

9) Solve (a and b):   


10) Solve (a and b):  
  


11) Solve (a, b, c and d):  
